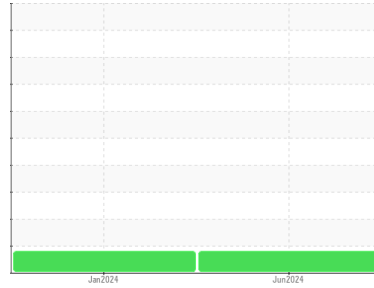




# OIL ANALYSIS REPORT

## Sample Rating Trend



## SEDIMENT



Machine Id  
**921062-260379**

Component  
**Transmission (Auto)**

Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

### DIAGNOSIS

#### Recommendation

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

Moderate concentration of visible dirt/debris present in the fluid.

#### Fluid Condition

The condition of the fluid is acceptable for the time in service.

### SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>GFL0122828</b>	GFL0102445	---
Sample Date	Client Info	<b>13 Jun 2024</b>	03 Jan 2024	---
Machine Age	hrs	<b>8748</b>	7751	---
Oil Age	hrs	<b>7751</b>	0	---
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	---
Sample Status		<b>ABNORMAL</b>	ABNORMAL	---

### CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	NEG	---

### WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >160	<b>75</b>	84	---
Chromium	ppm ASTM D5185m >5	<b>&lt;1</b>	<1	---
Nickel	ppm ASTM D5185m >5	<b>0</b>	1	---
Titanium	ppm ASTM D5185m	<b>0</b>	<1	---
Silver	ppm ASTM D5185m >5	<b>0</b>	0	---
Aluminum	ppm ASTM D5185m >50	<b>48</b>	▲ 51	---
Lead	ppm ASTM D5185m >50	<b>14</b>	16	---
Copper	ppm ASTM D5185m >225	<b>28</b>	32	---
Tin	ppm ASTM D5185m >10	<b>4</b>	5	---
Vanadium	ppm ASTM D5185m	<b>&lt;1</b>	0	---
Cadmium	ppm ASTM D5185m	<b>0</b>	<1	---

### ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>61</b>	64	---
Barium	ppm ASTM D5185m	<b>0</b>	0	---
Molybdenum	ppm ASTM D5185m	<b>&lt;1</b>	1	---
Manganese	ppm ASTM D5185m	<b>1</b>	2	---
Magnesium	ppm ASTM D5185m	<b>&lt;1</b>	2	---
Calcium	ppm ASTM D5185m	<b>118</b>	107	---
Phosphorus	ppm ASTM D5185m	<b>225</b>	222	---
Zinc	ppm ASTM D5185m	<b>9</b>	0	---
Sulfur	ppm ASTM D5185m	<b>1977</b>	1389	---

### CONTAMINANTS

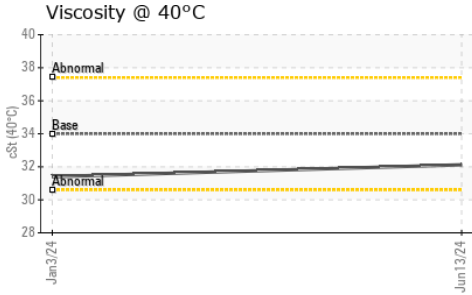
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	<b>9</b>	10	---
Sodium	ppm ASTM D5185m	<b>10</b>	5	---
Potassium	ppm ASTM D5185m >20	<b>4</b>	4	---

### VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar *Visual NONE	<b>NONE</b>	NONE	---
Precipitate	scalar *Visual NONE	<b>NONE</b>	NONE	---
Silt	scalar *Visual NONE	▲ <b>MODER</b>	MODER	---
Debris	scalar *Visual NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar *Visual NONE	<b>NONE</b>	NONE	---
Appearance	scalar *Visual NORML	<b>NORML</b>	NORML	---
Odor	scalar *Visual NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar *Visual >0.1	<b>NEG</b>	NEG	---
Free Water	scalar *Visual	<b>NEG</b>	NEG	---



# OIL ANALYSIS REPORT



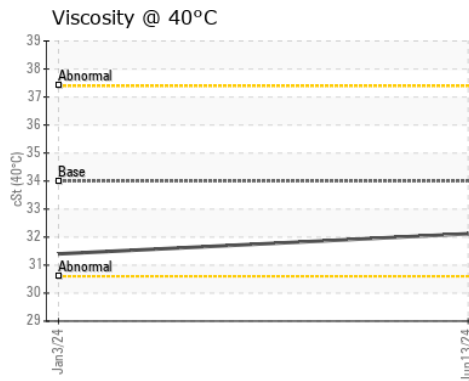
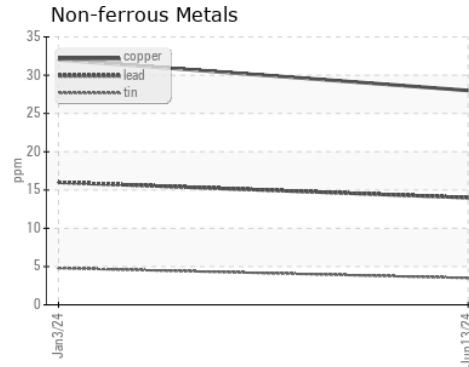
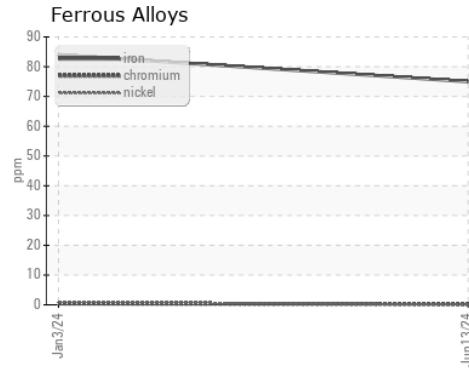
### FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	<b>32.12</b>	31.4	---

### SAMPLE IMAGES

method	limit/base	current	history1	history2
Color		no image	no image	no image
Bottom		no image	no image	no image

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : GFL0122828  
**Lab Number** : 06220469  
**Unique Number** : 11098666  
**Test Package** : FLEET

**Received** : 25 Jun 2024  
**Tested** : 28 Jun 2024  
**Diagnosed** : 28 Jun 2024 - Jonathan Hester

**GFL Environmental - 837 - Harrison TS**  
 22820 S State Route 291  
 Harrisonville, MO  
 US 64701  
 Contact: SARA PATRICK  
 spatrack@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
F: